

FIG. 1

The diagram illustrates a process control system and a corresponding mechanical assembly. The top portion shows a control loop with a **PROCESS MODEL** (15) and a **PROCESS ACTION** (16) block, which interact with a **PROCESS REACTION** (12) block. The bottom portion shows a mechanical assembly with a hopper (2) feeding material (3) into a chamber (4a) via a valve (4). The material then moves through a series of rollers (5, 5b) and is collected in a container (11). A curved line (17) indicates the path of the material. Arrows (10) show the flow of material from the hopper to the container.

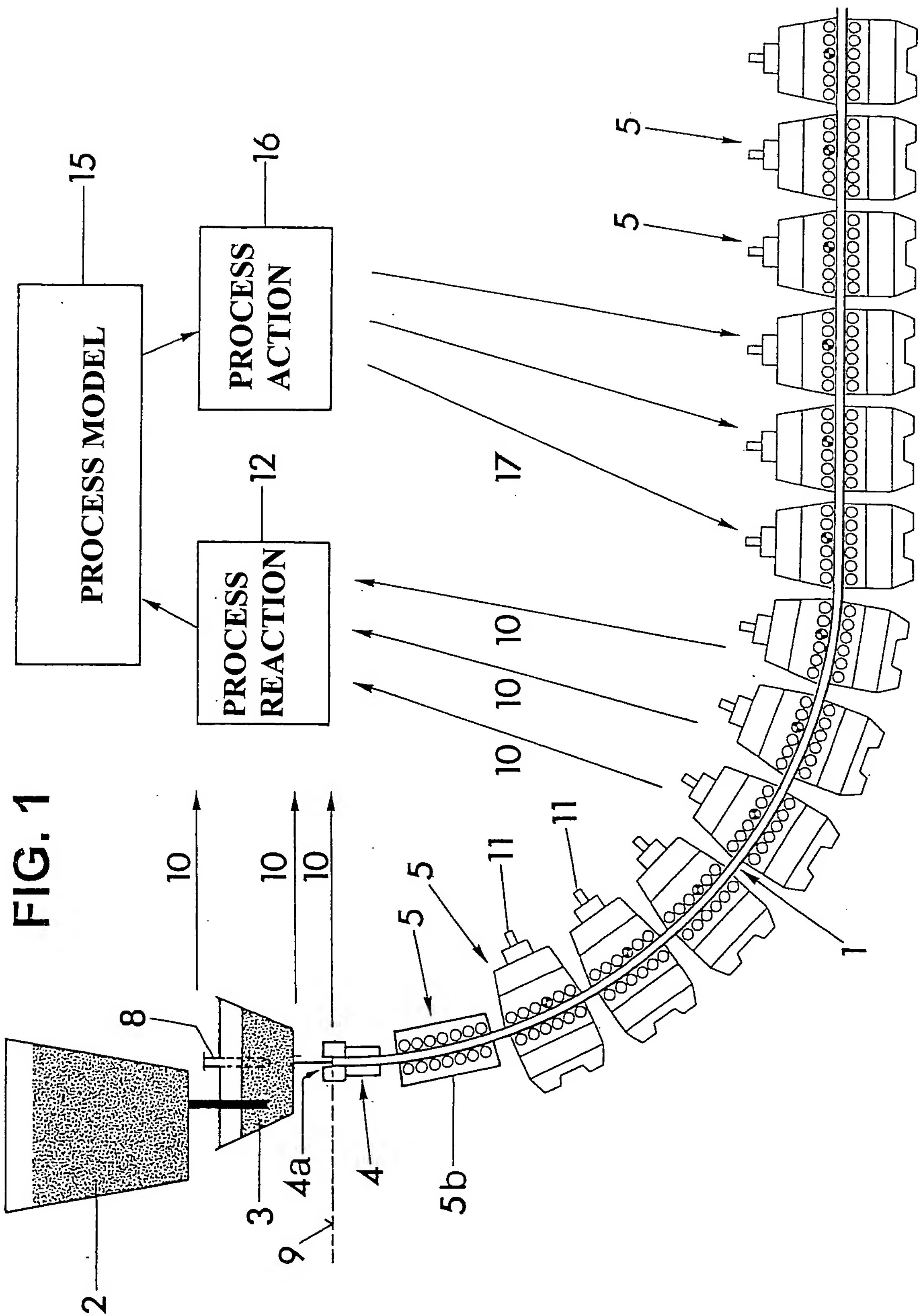


FIG. 2A

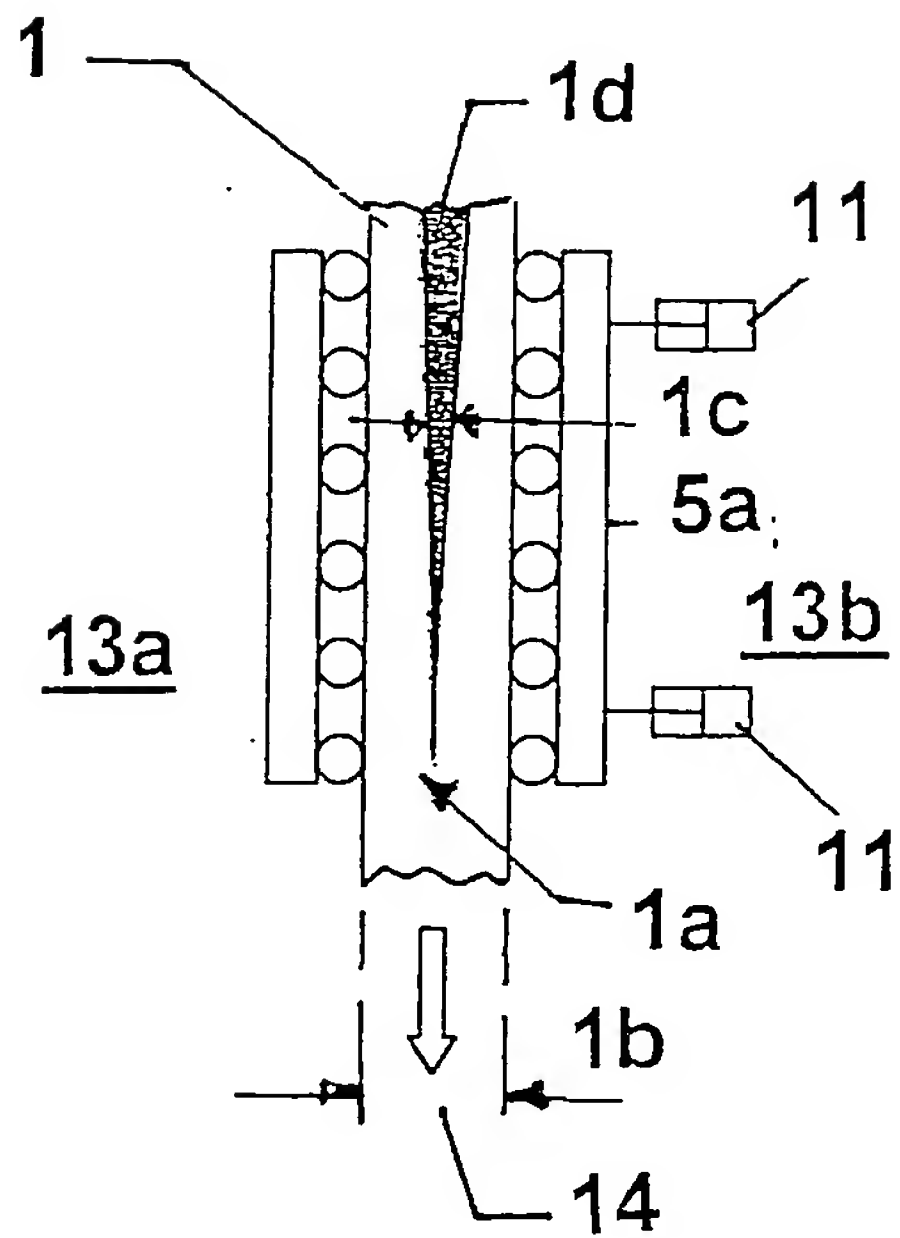


FIG. 2B

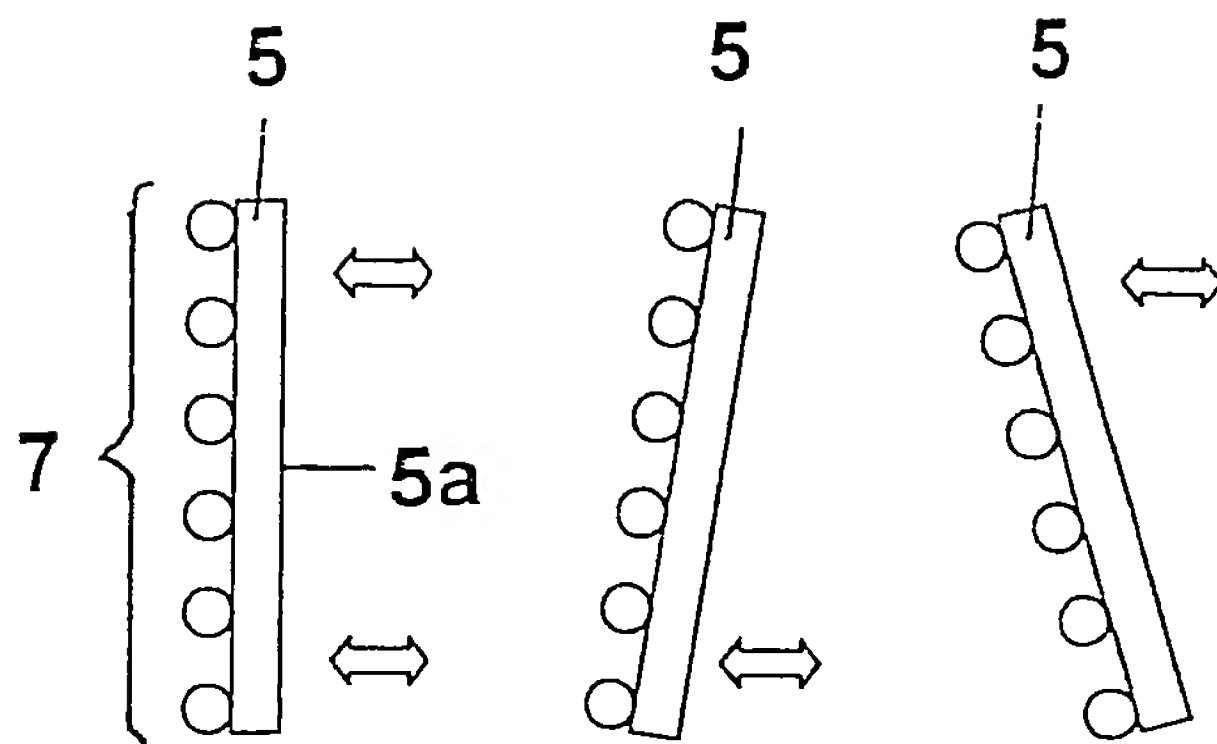


FIG. 3A

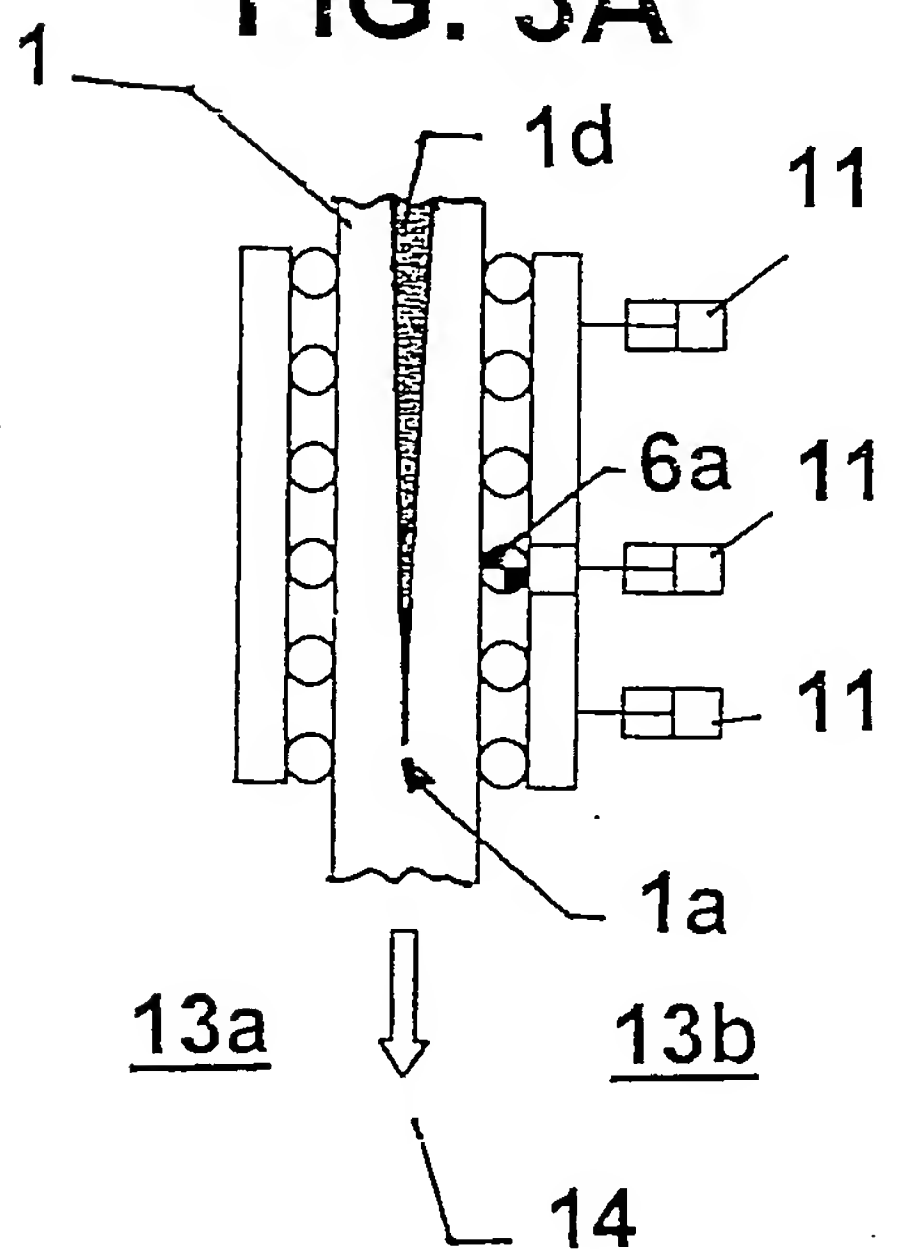


FIG. 3B

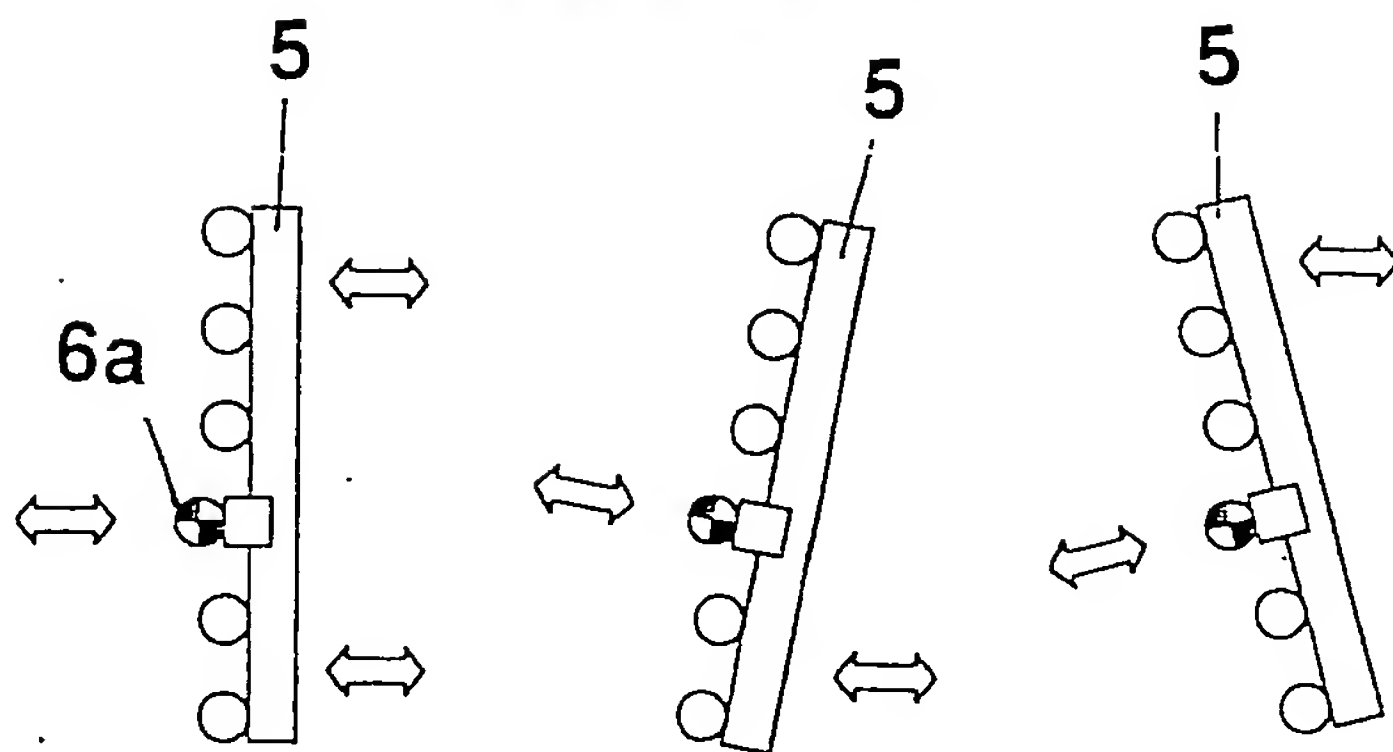


FIG. 4

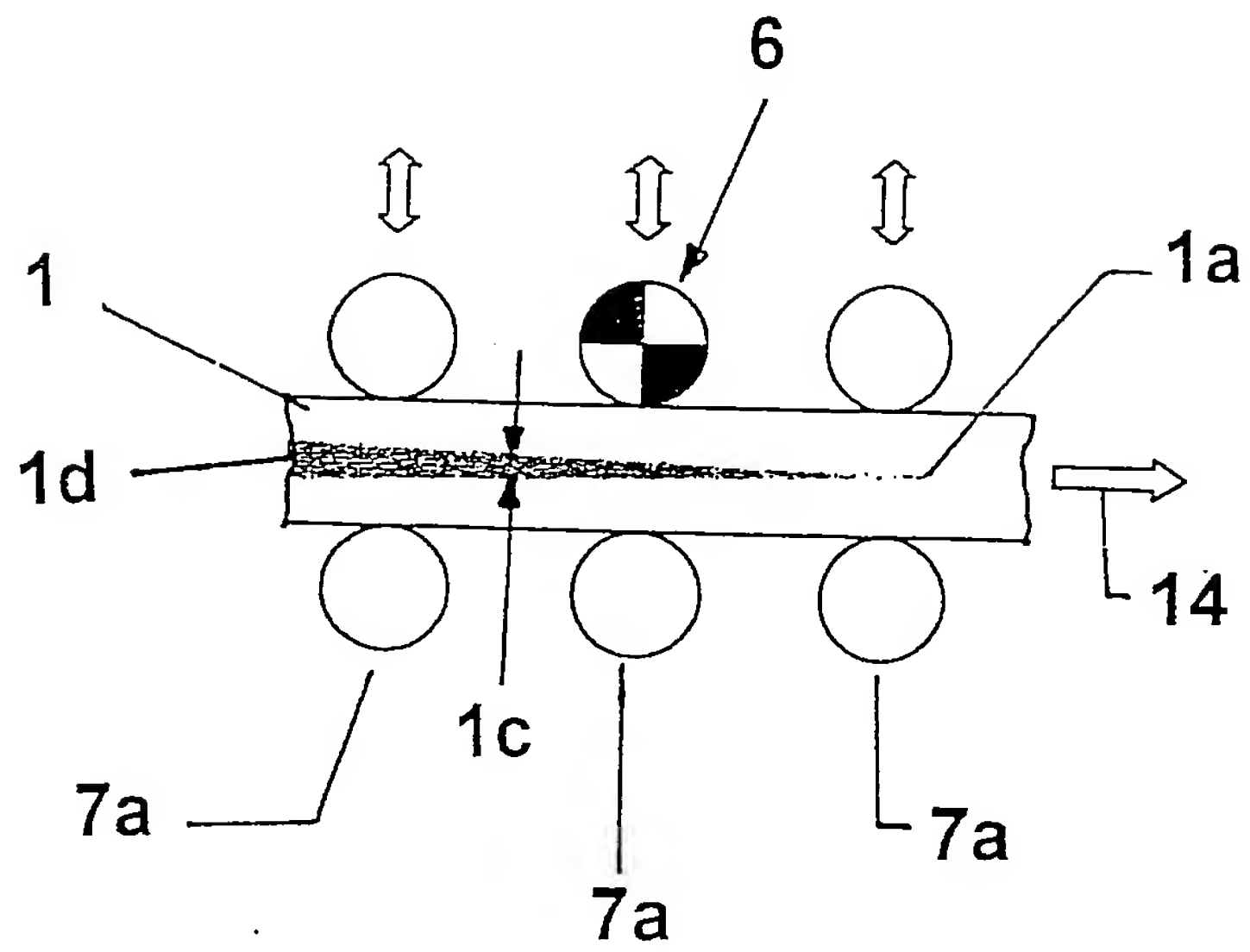


FIG. 5

